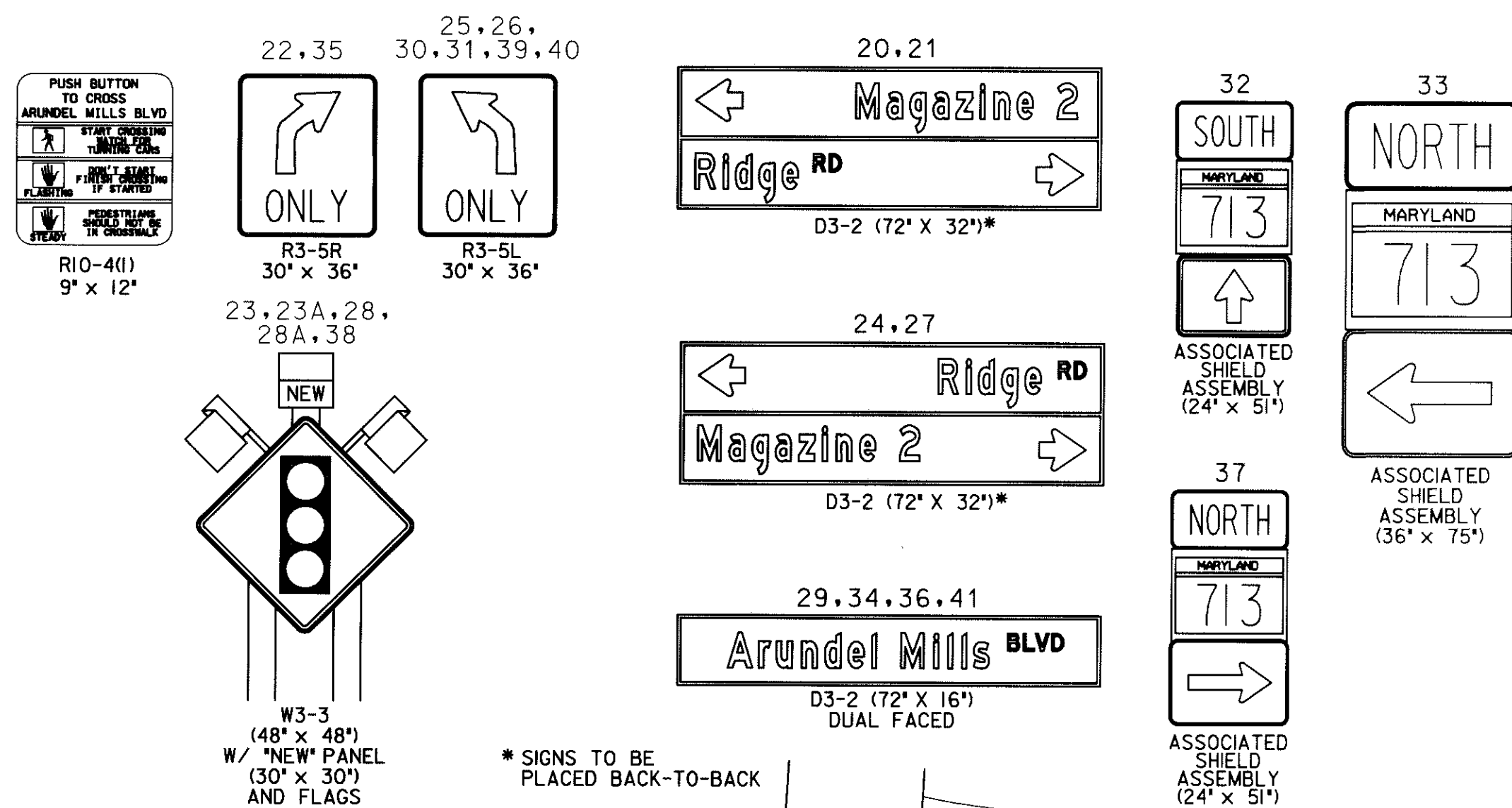
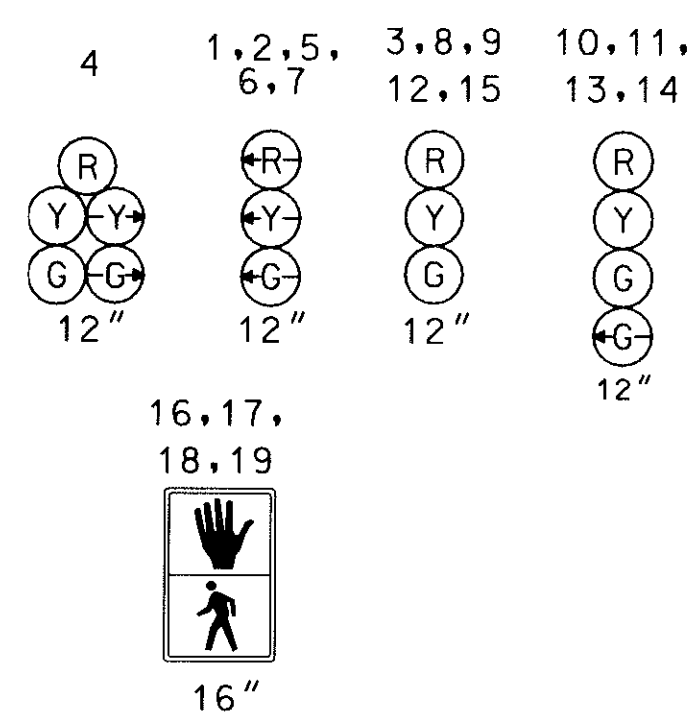


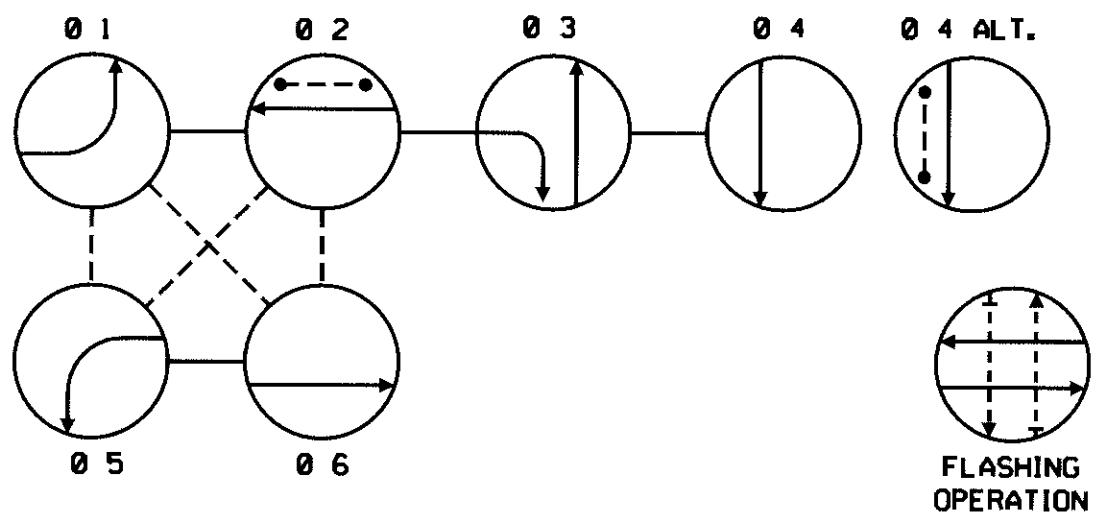
PROPOSED SIGNS



PROPOSED SIGNAL HEADS



NEMA PHASING



- PHASING NOTES:
1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
 2. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.

INTERCONNECT CABLE AND CONDUIT, SEE INTERCONNECT PLANS

CONSTRUCTION DETAILS

- INSTALL 12 IN. X 27 FT. GALVANIZED STEEL MAST ARM POLE WITH 60 FT. MAST ARM, SIGNAL HEADS, SIGNS, AND 20 FT. LIGHTING ARM (NOTE: 1-3 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BEND). ALL DIMENSIONS MEASURED FROM OUTSIDE FACE OF CURB.
- INSTALL 12 IN. X 21 FT. GALVANIZED STEEL MAST ARM POLE WITH 60 FT. MAST ARM, SIGNAL HEADS, SIGNS, AND PEDESTRIAN PUSH BUTTON (NOTE: 1-3 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BEND). ALL DIMENSIONS MEASURED FROM OUTSIDE FACE OF CURB.
- INSTALL 12 IN. X 27 FT. GALVANIZED STEEL MAST ARM POLE WITH 70 FT. MAST ARM, SIGNAL HEADS, SIGNS, PEDESTRIAN PUSH BUTTON, AND 20 FT. LIGHTING ARM (NOTE: 1-3 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BEND). ALL DIMENSIONS MEASURED FROM OUTSIDE FACE OF CURB.
- INSTALL 12 IN. X 21 FT. GALVANIZED STEEL MAST ARM POLE WITH 60 FT. MAST ARM, SIGNAL HEADS AND SIGNS (NOTE: 1-3 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BEND). ALL DIMENSIONS MEASURED FROM OUTSIDE FACE OF CURB.
- INSTALL 3 IN. SCHEDULE 80 PVC CONDUIT TRENCHED.
- INSTALL BASE-MOUNTED CABINET AND CONTROLLER WITH ALL NECESSARY EQUIPMENT, CONTROL AND DISTRIBUTION EQUIPMENT FOR UNDERGROUND SERVICE FEED. CABLE AND CONDUIT TO BE FURNISHED AND INSTALLED BY BGE (NOTE: 1-2 IN. AND 2-4 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE BENDS).
- INSTALL HANDHOLE.
- INSTALL 1 IN. GALVANIZED STEEL ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE).
- INSTALL 3 IN. SCHEDULE 80 PVC CONDUIT TRENCHED PRIOR TO SIDEWALK CONSTRUCTION OR DURING CONCRETE MEDIAN CONSTRUCTION.
- INSTALL 4 IN. SCHEDULE 80 PVC CONDUIT TRENCHED.
- INSTALL 4 IN. SCHEDULE 80 PVC CONDUIT SLOTTED PRIOR TO FINAL PAVEMENT OVERLAY AND ISLAND CONSTRUCTION.
- INSTALL 6 FT. X 30 FT. QUADRUPOLE (3-6-3 TURNS) LOOP DETECTOR ENCASED IN 1/4 INCH FLEXIBLE TUBING.
- INSTALL MICRO LOOP PROBE SET.
- INSTALL W3-3 SIGN (48 IN. X 48 IN.) WITH "NEW" PANEL (30 IN. X 30 IN.) AND FLAGS ON TWO 4 IN. X 4 IN. TREATED WOOD POSTS APPROXIMATELY 500 FT. AND 300 FT. IN ADVANCE OF THE INTERSECTION ON ARUNDEL MILLS BOULEVARD AND RIDGE ROAD, RESPECTIVELY.
- INSTALL 6 FT. X 6 FT. (4 TURNS) LOOP DETECTOR ENCASED IN 1/4 INCH FLEXIBLE TUBING (SAMPLING LOOPS).
- INSTALL 24 IN. STOP LINE.
- SEE INTERCONNECT PLANS FOR CONDUIT, INTERCONNECT CABLE, AND HANDHOLE INSTALLATION.
- INSTALL 2 IN. SCHEDULE 80 PVC CONDUIT SLOTTED PRIOR TO FINAL PAVEMENT OVERLAY AND ISLAND CONSTRUCTION.

SCALE: PLAN: 1 IN. = 20 FT.

SEE GENERAL INFORMATION PLAN FOR GENERAL NOTES



WHITNEY CONSULTING ENGINEERS
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(410) 512-4500

UTILITY LEGEND	
— A —	AERIAL CABLES
— G —	GAS MAIN
— W —	WATER MAIN
— S —	SEWER MAIN
— E —	ELECTRIC CABLES
— D —	STORM DRAIN
— T —	TELEPHONE CABLES

REVISIONS	APPROVALS
	<p>Michael R. Bailey 5/15/00 TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION</p> <p>5/17/00 ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION</p> <p>5/17/00 DIRECTOR, TRAFFIC & SAFETY</p>

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION			
Office of Traffic & Safety			
TRAFFIC ENGINEERING DESIGN DIVISION			
TRAFFIC SIGNALIZATION PLAN			
MD 713 RELOCATED (RIDGE ROAD)			
AT MAGAZINE 2			
DRAWN BY: CJP/MJA	F.A.P. NO.	TS NO.	
CHECKED BY: JWH	S.H.A. NO.	4006	
SCALE: 1"=20'	COUNTY:	T.I.M.S. NO.	
DATE: MARCH, 2000	LOG MILE:		
			SHEET NO. 79 OF 113